

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other **RE-ENTRY**

2. Name of Operator  
Yates Petroleum Corporation

3. Address  
105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)  
505-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At Surface 1980'FSL & 990'FEL (Unit I, NESE)

At top prod. Interval reported below

At total depth Same as above

Same as above

5. Lease Serial No.

NM-17202

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Short RM Deep Federal #5

9. API Well No.

30-005-62938

10. Field and Pool, or Exploratory

Pecos Slope Abo

11. Sec., T., R., M., on Block and  
Survey or Area

Section 25-T7S-R25E

12. County or Parish 13. State

Chaves

New Mexico

14. Date Spudded  
RE 8/3/03

15. Date T.D. Reached  
8/15/03

16. Date Completed 9/15/03  
☐ D & A ☐ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*

3623'GL 3640'KB

18. Total Depth: MD 5250'  
TVD NA

19. Plug Back T.D.: MD 4105'  
TVD NA

20. Depth Bridge Plug Set: MD NA  
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL, Hi-Res Laterolog Array, Borehole Compensated Sonic

22 Was Well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom(MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	Surface	850'		750 sx (In Place)			
12-1/4"			Surface	1500'					
7-7/8"	4-1/2"	11.6#	Surface	4105'		1800 sx		800' (est)	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	3708'	3956'				
B)						
C)						
D)						

See Attached Sheet

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3708'-3956'	Frac w/107,000g 55Q CO2 foamed 35# x-linked gelled 7% KCL water carrying 250,000# 16/30 Brady sand

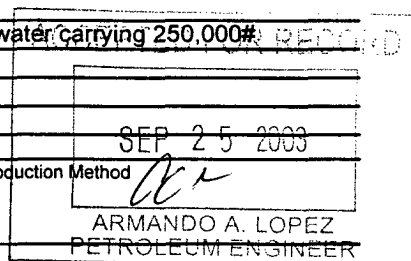
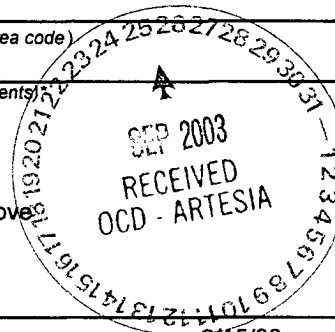
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	9/16/03	24	⇒	0	1020	0	NA	NA	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
1/2"	150 psi	NA	⇒	0	1020	0	NA		

SIWOPL

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold if produced

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Abo	3686'
				Wolfcamp	4429'
				Spear	4672'
				Cisco	4900'
				Strawn	5003'
				Pre-Cambrian	5057'

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
 5. Sundry Notice for plugging and cement verification      6. Core Analysis      ☒ 7. Other: Deviation Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tina Huerta Title Regulatory Compliance Supervisor

Signature  Date September 19, 2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Yates Petroleum Corporation  
Short RM Deep Federal #5  
Section 25-T7S-R25E  
Chaves County, New Mexico

**Form 3160-4 continued:**

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf Status
3708'-3715'			Producing
3736'-3738'			Producing
3746'-3750'			Producing
3790'-3792'			Producing
3804'-3806'			Producing
3813'-3816'			Producing
3840'-3847'			Producing
3852'-3868'			Producing
3872'-3874'			Producing
3878'-3882'			Producing
3902'-3908'			Producing
3936'-3944'			Producing
3952'-3956'			Producing

OPERATOR: YATES PETROLEUM CORP.  
WELL/LEASE: SHORT RM DEEP FED. 5  
COUNTY: CHAVES

049-0021

STATE OF NEW MEXICO  
DEVIATION REPORT

---

3,500	1/2
4,536	1/2
4,976	1/2
5,250	1/2

By: 

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 27th day of August, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

  
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

